Index of Claims

Application/Control No.

10/017,893

Examiner

Harry A. Grosso

Applicant(s)/Patent under Reexamination

CADIENTE ET AL.

Art Unit

3727

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |  |  |  |  |  |  |  |
|---|--------------------------------|--|--|--|--|--|--|--|
| ÷ | Restricted                     |  |  |  |  |  |  |  |

| 2 | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|       |  | L       | L  |              |               |               | J        |          | Щ.       | <u> </u>        |
|-------|--|---------|--|--------------|---------------|---------------|----------|----------|----------|-----------------|
| Cla   | aim  | Т       |  |              |               | Dat           |          |          |          |                 |
| •     |  | ક       |  |              |               |               | Ĭ        |          |          |                 |
| Final | Original   | 7/21/05 |  |              |               |               |          | ŀ        |          |                 |
|       | 1  | N       |  | ┢            |               | Н             | $\vdash$ |          |          | Н               |
|       | 12   | N       | $\vdash$   | $\vdash$     |               | T             | $\vdash$ |          | _        |                 |
|       | 3  | N       |  | 1            |               | -             | _        | $\vdash$ | $I^-$    | П               |
|       | 4  | N       | Γ  |              | Г             |               |          |          | Г        |                 |
|       | 5  | N       |  |              |               |               |          |          |          |                 |
|       | 3 4 5 6  | N       |  |              |               |               |          |          |          |                 |
|       | ./   | N       |  |              | L             | _             |          | L        | _        | Ш               |
|       | 8  | N       | L  |              | <u> </u>      | <u> </u>      | L        | _        | _        |                 |
|       | 9  | N       | _  | _            | _             | L_            |          | <u> </u> | _        | Ш               |
|       | 10   | N       | <u> </u>   |              |               | _             | _        | <u> </u> | _        | Ш               |
|       | 11   | N       | <u> </u>   |              |               |               | _        | <u> </u> | _        | Н               |
|       | 12   | N       | L  | <u> </u>     | L             |               |          | <u> </u> | ⊢        | Н               |
|       | 12<br>13<br>14<br>15                               | N       | <u> </u>   | _            | -             | _             | _        | -        | ┞        | H               |
|       | 14   | N       |  | $\vdash$     | $\vdash$      | ⊢             | $\vdash$ | ⊢        | ⊢        | Н               |
|       | 15   | N       |  |              | ⊢             | -             | ┝        | -        | -        | Н               |
|       | 17   | N       | -  | -            | -             | -             | -        | -        | ┝        | Н               |
|       | 16<br>17<br>18<br>19                               | N       | <del> </del>                                     | -            | ├             | -             | -        | ⊢        | ├        | $\vdash$        |
|       | 19   | N       | -  |              | -             | -             | -        | ŀ        | ┢┈       | Н               |
|       | 20   | N       | ┝  | <del> </del> | -             |               | -        | -        | -        | Н               |
|       | 21   | N       | -  |              | $\vdash$      |               | $\vdash$ |          | $\vdash$ | Н               |
|       | 22   | N       | $\vdash$   |              | $\vdash$      |               | $\vdash$ |          | H        | H               |
|       | 23   | N       |  |              | $\vdash$      | $\vdash$      | $\vdash$ |          |          | П               |
|       | 24   |         |  |              | $\vdash$      |               | $\vdash$ |          |          |                 |
|       | 22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30 | N<br>N  |  |              | Г             |               |          |          |          |                 |
|       | 26   | N       |  |              |               |               |          |          |          |                 |
|       | 27   | N       |  |              |               |               |          |          |          |                 |
|       | 28   | N       |  |              |               |               |          |          |          |                 |
|       | 29   | N       |  |              |               |               |          |          |          |                 |
|       | 30   | N       |  |              |               |               |          | _        |          |                 |
|       | 31   | N       | _  | _            |               |               |          | _        |          | Ш               |
|       | 32   | N       | _  | _            | _             | _             | _        | _        | _        | Щ               |
|       | 33   | N       |  |              |               |               |          |          | _        | Н               |
|       | 34<br>35   | N       | <del>                                     </del> | $\vdash$     | -             | <u> </u>      | $\vdash$ |          | -        | $\vdash \vdash$ |
|       | 36   | N       |  | -            | -             | H             | -        | -        | H        | H               |
|       | 36<br>37<br>38<br>39                               | N       | $\vdash$   | -            | _             | <u> </u>      | $\vdash$ | -        | -        | Н               |
|       | (3R)   | =       | -  |              | _             | $\vdash$      | _        | _        | i—       | $\vdash$        |
|       | 39   |         | _  |              |               | _             |          | _        | _        | Н               |
|       |  | 0       | -  |              | $\overline{}$ | $\overline{}$ | -        | _        |          | П               |
|       | 41   | 9       |  |              |               |               |          |          |          |                 |
|       | 42   | 1       |  |              |               |               |          |          |          |                 |
|       | 43   | ~       |  |              |               |               |          |          |          |                 |
|       | 44   | Z       |  |              |               |               |          |          |          |                 |
|       | 45   | ~       |  |              |               |               |          |          |          |                 |
|       | 46   | 7       |  |              |               |               |          |          |          | Ш               |
|       | 47   | V       | Ш  |              | L             |               | Ш        |          |          | Ш               |
|       | 48   |         | Ш  |              | _             |               |          | Щ        |          | Щ               |
|       | 49   | 2       | Ш  |              | _             | Ш             | Ш        |          | <u> </u> | Щ               |
|       | 50   | II      | 1 1  |              | ŀ             |               |          | 1 1      |          | 1               |

| Cla         | aim_                 |                                       |  |  |              | Dat  | e_       |              | _        |  |
|-------------|----------------------|---------------------------------------|--|--|--------------|--|----------|--------------|----------|--|
| 1           | =                    | ۱.,                                   | l  | 1  |              |  |          |              |          | 1  |
| Final       | Original             | 7/21/05                               |  | l  |              | İ  |          |              |          | l  |
| 🗄           | <u>5</u>             | 2                                     |  |  |              |  |          |              | l        | l  |
|             | 0                    | 1                                     | 1  |  |              | 1  |          |              |          | l  |
| <del></del> | 51                   | N                                     |  | $\vdash$   | ┢            | -  | ╁        | -            | ⊢        | ⊢  |
| -           |                      | <del>  '`</del>                       |  | -  | -            | -  |          |              | -        | ├-   |
| ⊢           | 52                   | ├—                                    | -  | ⊢  | <del> </del> | -  |          | ├            | <u> </u> | <del> </del>                                     |
| -           | -53-                 |                                       | -  | -  | _            | <u> </u>   | -        | ├-           |          | <u> </u>   |
| <u> </u>    | 54<br>55             | V                                     | L_   | ↓_   | ļ            | _  | <u> </u> | _            | _        | _  |
| ļ           | 55                   | くのと                                   |  |  | _            | L  | <u> </u> | _            | <u> </u> | L_   |
| ļ           | 56<br>57<br>58<br>59 |                                       |  |  |              |  | L        |              |          | $oxed{oxed}$                                     |
| <u> </u>    | 57                   | ~                                     |  |  |              |  |          | L.           |          |  |
|             | (58)                 | 1                                     |  |  |              |  |          |              |          |  |
|             | 59                   | /                                     | Г  |  |              |  |          | Г            |          | Г  |
|             | 60                   | N                                     |  |  |              | T  |          |              |          |  |
|             | 61                   | 1                                     |  | Т  | Т            | $\vdash$   |          |              |          |  |
|             | 62                   | ノン                                    | <del>                                     </del> | $\vdash$   | Ι-           | $\vdash$   | $\vdash$ |              | $\vdash$ | <del>                                     </del> |
|             | 63                   | 4.2                                   | -  | <del>                                     </del> | ┢            | <del>                                     </del> | $\vdash$ | $\vdash$     | _        | $\vdash$   |
| -           | 64                   | N                                     |  | <del> </del>                                     | $\vdash$     | <del> </del> —                                   | $\vdash$ | <del> </del> |          | -  |
| -           | 64<br>(65)           | N<br>V                                | <u> </u>   | <del> </del>                                     | <del> </del> | <u> </u>   | ├—       | <u> </u>     |          |  |
| <u> </u>    | (62)                 | <b>V</b>                              | <b> </b>   | <del> </del>                                     | <u> </u>     | $\vdash$   | _        |              |          | _  |
|             | 66                   | 1                                     |  | <u> </u>   | _            | <u> </u>   | _        |              |          | <u> </u>   |
|             | 67                   | 1                                     |  | 匚  | <u>_</u>     | _  |          |              | _        | L  |
|             | 68                   | V                                     |  | 乚  | L            |  | L        |              |          |  |
| L           | 69                   | ~                                     |  |  |              |  |          |              |          |  |
|             | 70                   | V                                     |  |  |              |  |          |              |          |  |
|             | 71                   | 220                                   | Г  | Г  |              |  |          |              |          |  |
|             | 72                   | V                                     |  | Г  |              |  |          |              | Г        |  |
|             | 73<br>74<br>75       | 0                                     |  |  |              |  |          |              |          |  |
|             | 74                   | /                                     | $\overline{}$                                    |  |              |  |          |              |          |  |
|             | 75                   |                                       |  |  |              | _  |          | _            | _        | _  |
|             | 76                   | ,                                     | -  |  | <u> </u>     | -  |          | -            |          | -  |
| $\vdash$    | 76<br>77             | < < < < < < < < < < < < < < < < < < < | _  | -  | -            | -  |          | -            |          | -  |
| -           | 78                   | V                                     |  |  | Η.           | -  | -        |              | -        | ┝  |
| $\vdash$    | 70                   | ,                                     | _  | -  | -            | -  | ├─       | -            | -        |  |
|             | 79                   | V.                                    | _  | -  | -            | $\vdash$   | $\vdash$ | $\vdash$     | <u> </u> | <del> </del>                                     |
|             | 80                   | 7                                     |  | <u> </u>   | <u> </u>     | $\vdash$   | <u> </u> | _            | <u> </u> | <u> </u>   |
|             | 81                   | $\boldsymbol{\mathcal{L}}$            | _  | <u> </u>   | _            | _  |          | L            | <u> </u> |  |
|             | 82                   | 0 =                                   |  | <u> </u>   | L.           | L_   | _        | L_           |          | $oldsymbol{oldsymbol{oldsymbol{eta}}}$           |
|             | 83                   | =                                     |  | L  |              |  |          |              |          | <u> </u>   |
|             | 84                   | 2 2                                   |  |  |              | <u></u>  |          |              |          | L  |
|             | 85                   | ~                                     |  | L  |              | L  |          |              |          | L  |
|             | 86                   |                                       |  |  |              |  |          |              |          |  |
|             | 87                   |                                       |  |  |              |  |          |              |          |  |
|             | 88                   |                                       |  |  |              | Г  |          |              |          |  |
|             | 89                   |                                       |  | <u> </u>   |              |  | Г        | П            |          |  |
|             | 90                   | $\vdash$                              | _  | _  | _            | _  | _        | Н            | т        | $\vdash$   |
|             | 91                   | H                                     | _  | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$     | Η-       | $\vdash$   |
| -           | 92                   | Н                                     | —  | $\vdash$   | $\vdash$     | $\vdash$   | -        |              | H        | <del> </del>                                     |
| -           | 93                   | -                                     | _  | $\vdash$   |              | $\vdash$   | $\vdash$ |              | -        | $\vdash$   |
| -           | _                    |                                       |  | <del> </del>                                     |              | $\vdash$   | $\vdash$ | -            |          | -  |
| $\vdash$    | 94                   | $\vdash$                              |  |  |              | -  | $\vdash$ | $\vdash$     | μ.       | -  |
| $\vdash$    | 95                   | <u> </u>                              |  | <del> </del>                                     |              | <u> </u>   | <u> </u> | -            | <u> </u> | <u> </u>   |
|             | 96                   |                                       |  |  | _            |  | $\vdash$ | L            | <u> </u> | _  |
|             | 97                   | ·                                     |  |  |              | L  | _        | Ш            | Ш        |  |
| $\square$   | 98                   |                                       |  | _  |              | _  | _        |              |          |  |
|             | 99                   |                                       |  |  |              |  |          |              |          |  |
|             | 100                  |                                       |  |  |              |  |          |              |          |  |

| CI                   | aim                             | Date     |             |              |  |          |              |                |  |                |  |
|----------------------|---------------------------------|----------|-------------|--------------|--|----------|--------------|----------------|--|----------------|--|
| Final                | Original                        |          |             |              | :  |          |              |                |  |                |  |
|                      | 101<br>102                      |          |             |              |  |          |              |                |  |                |  |
|                      | 102                             |          |             |              |  |          | _            |                | <u> </u>   |                |  |
|                      | 103                             | <u> </u> | _           | _            | <u> </u>   |          | L            | -              | <u> </u>   | _              |  |
|                      | 104                             | ⊢        | L           | -            | _  |          | ⊢            | <u> </u>       | _  | Н              |  |
|                      | 105<br>106                      | $\vdash$ | ┝           | -            | H  | -        | ⊢            | <del>  -</del> | ├  | $\vdash$       |  |
|                      | 107                             | ┢        | ┝           | -            | ┢  | -        | -            | ⊢              | ├─   | $\vdash$       |  |
|                      | 108                             | -        | Г           | $\vdash$     | <del>                                     </del> | i -      | $\vdash$     |                | <del>                                     </del> | Н              |  |
|                      | 109                             |          |             |              |  |          |              |                |  |                |  |
|                      | 110                             |          |             | Ŀ            |  |          |              |                |  |                |  |
|                      | 111                             | _        |             | L            | _  |          | _            | L_             | _  | Ш              |  |
|                      | 112<br>113                      | <u> </u> | <u> -</u> - | <u> </u>     | <u> </u>   | $\vdash$ | <u> </u>     | _              | _  | $\sqcup$       |  |
| $\vdash\vdash\vdash$ | 113                             | <u> </u> | <u> </u>    | -            | L  | $\vdash$ | -            | -              | $\vdash$   | $\vdash$       |  |
| -                    | 114<br>115                      | ⊢        | -           | ┝            | _  | ⊢        | <del> </del> | ⊢              | ┝  | Н              |  |
| $\vdash$             | 116                             | $\vdash$ | $\vdash$    | -            | $\vdash$   | $\vdash$ | -            | $\vdash$       | $\vdash$   | $\vdash$       |  |
| _                    | 117                             | -        |             | $\vdash$     | -  | $\vdash$ |              |                | $\vdash$   | Н              |  |
|                      | 117<br>118                      |          |             |              | $\vdash$   |          |              | H              |  | П              |  |
|                      | 119                             |          |             |              |  | Ŀ        |              |                |  |                |  |
|                      | 120                             |          |             |              |  |          |              |                |  |                |  |
|                      | 120<br>121<br>122               | _        | _           |              | <u> </u>   | _        | <u> </u>     | <u> </u>       |  | Щ              |  |
|                      | 122                             | L        | _           | <u> </u>     | <u> </u>   | ļ        | <u> </u>     | <u> </u>       | <u> </u>   | $\square$      |  |
|                      | 123                             |          | _           | <del> </del> | $\vdash$   | _        |              | <del>  -</del> | <del>  -</del>                                   | Н              |  |
|                      | 125                             | -        | -           | -            | $\vdash$   | ⊢        | ┢            | ├              |  | Н              |  |
|                      | 123<br>124<br>125<br>126<br>127 | -        | _           | $\vdash$     | $\vdash$   | $\vdash$ |              | -              | H  |                |  |
|                      | 127                             |          |             |              |  |          | $\vdash$     |                |  | П              |  |
|                      | 128                             |          |             |              |  |          |              |                |  |                |  |
|                      | 128<br>129<br>130               |          |             |              |  |          |              |                |  |                |  |
|                      | 130                             |          | _           |              | <u> </u>   | _        | L            | L              | L.   | Ц              |  |
|                      | 131<br>132                      |          |             | ļ            | <u> </u>   |          | <u> </u>     | <u> </u>       |  | $\blacksquare$ |  |
|                      | 132                             |          |             | _            | _  |          | -            | -              |  | -              |  |
|                      | 133<br>134                      |          | -           |              | -  | -        |              |                |  |                |  |
|                      | 135                             | -        | —           |              | $\vdash$   | _        | $\vdash$     | -              | $\vdash$   | -              |  |
|                      | 136                             |          |             |              |  |          |              |                | Т  |                |  |
|                      | 136<br>137                      |          |             |              |  |          |              |                |  |                |  |
|                      | 138                             |          |             |              |  |          |              |                |  |                |  |
|                      | 139                             |          |             | _            | <u> </u>   |          |              |                | _  |                |  |
|                      | 140                             |          | _           | <u> </u>     | <u> </u>   |          | _            | <u> </u>       | $\vdash$   | Н              |  |
|                      | 141<br>142                      | -        |             | <b> </b> -   | $\vdash$   | H        | _            | -              | -  | $\dashv$       |  |
| $\vdash \vdash$      | 143                             | -        |             | $\vdash$     | ┝  | -        |              | $\vdash$       | H  | $\dashv$       |  |
| $\vdash$             | 144                             | _        | _           | $\vdash$     | Ι  |          | _            | $\vdash$       | $\vdash$   | $\vdash$       |  |
|                      | 145                             |          |             |              | Ι'''   |          |              | $\vdash$       |  | $\dashv$       |  |
|                      | 146                             |          |             |              |  |          |              |                |  |                |  |
|                      | 147                             |          |             |              |  |          |              |                |  |                |  |
|                      | 148                             |          |             | L            |  |          |              |                |  |                |  |
|                      | 149                             |          |             | <u> </u>     |  | _        |              |                |  | Щ              |  |
|                      | 150                             |          |             |              | L  |          | L            | L              |  | Шľ             |  |